14 I	13 I	12 I	11	10 1	9	8	7	6	5	4.	ω	2	1	^
BRS	BRS	BRS	BRS	BRS	BRS	BRS	IS&R	IS&R	BRS	BRS	IS&R	IS&R	NYSI	Туре
25	44	26	86	3	163	341	417	35	19	7	150	1	2	Hits
(119/\$.ccls.; and 'ground'); ((119/\$.ccls.voltage') and	119/\$.ccls. a and 'ground')	(119/\$.ccls voltage') a	119/\$.ccls.	(119/\$.ccls. voltage') an	119/\$.ccls.	(((119/712) (119/721)). ((119/908).	((119/712) (119/721)).	(119/908).C	("0796241" "2555180" "3197916" "3388497" "3823691" "4074657" "4196429" "4196429" "4274123" "4451460" "4656038").	("5241923" "5808551" "6415742" "6600422").	(119/908).C	("4114185")	(("5877949")) ("6467783"))	Se
. and ('impedance' ')) not s. and 'high nd 'impedance')	<pre>and ('impedance' ')</pre>	s. and 'high and 'impedance'	and 'impedance'	s. and 'high and 'impedence'	and 'high voltage	or (119/720) or CCLS.) not	or (119/720) or CCLS.	CCLS.	"2500311"   "3182111" "3366854" "3777712" "4074456" "4118752" "4118752" "4202293" "4202293" "4335682" "4471561"	"5682839"   "6269776"   "6474269"   PN.	CCLS.	.PN.	) or ).PN.	Search Text
USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USOCR	USPAT	USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT	USPAT	DBs
2004/09/29 09:44	2004/09/29 09:37	2004/09/29 09:44	2004/09/29 09:31	2004/09/29 09:31	2004/09/29 09:31	2004/09/29 09:29	2004/09/29 09:06	2004/09/29 09:02	2004/09/29 08:56	2004/09/29 08:39	2004/09/29 09:03	2004/09/29 08:36	2004/09/29 08:36	Time Stamp

27 BRS	26 BRS	25 BRS	24 BRS	23 BRS	22 BRS	21 BRS	20 BRS	19 IS&R		17 BRS	16 IS&R	15 BRS	Туре
24	154	156	158	323	31	54	51	R 625	0		R 127	4	pe Hits
("0520510"     "0909       "1165485"     "24762       "2512740"     "25551       "2633337"     "28991       "34552     "34552       "3756566"     "38215       "4274123"     "47083       "4756116"     "49492       "4969418"     "50729       "5107620"     "51580       "5203542"     "60531	(((361/\$.ccls. and and 'high voltage') ((119/908).CCLS.)) ((43/98).CCLS.)	((361/\$.ccls. and and 'high voltage ((119/908).CCLS.)	(361/\$.ccls. and high voltage:	361/\$.ccls. and '	(((361/225).CCLS. ('impedance' or ' 'high voltage'	((361/225).CCLS.)	((361/225).CCLS.)	(361/225).CCLS.		'electric animal	(43/98).CCLS.	((43/98).CCLS.) a	Search
814"   80"   74"   79"   22"   16"   15"   26").PN.	'animal') not not	l 'animal') e') not	'animal') and [	animal'	) and mat')) and	and [mat')	and [	нс	errent'	deterrent'	I	and I	Text
USPAT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB		USPAT; US-PGPUB; EPO; JPO; DERWENT	USPAT; US-PGPUB; EPO; JPO; DERWENT	DBs
2004/09/29 09:59	2004/09/29 09:58	2004/09/29 09:57	2004/09/29 09:57	2004/09/29 10:09	2004/09/29 09:57	2004/09/29 09:56	2004/09/29 09:56	2004/09/29 09:55	004/09/29 09:5	2004/09/29 09:54	2004/09/29 09:55	2004/09/29 09:45	Time Stamp

('high USPAT
USPAT EPO; USPAT
USPAT EPO; (
USPAT; EPO; J
USPAT; US EPO; JPO;
USPAT EPO;
USPAT EPO;
USPAT EPO;
USPAT EPO; ,

	Туре	Hits	Search Text	DBs	Time Stamp
38	BRS	2	((((256/10).CCLS.) and ('high voltage' or 'impedance')) and 'wire') and 'uninsulated'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:15
39	BRS	51	(((256/10).CCLS.) and ('high voltage' or 'impedance')) and 'wire'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:21
40	BRS	36639	'low impedance'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:22
41	BRS	8353	('low impedance') and 'high voltage'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:2
42	BRS	4814		USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:23
43	BRS	2003	((('low impedance') and 'high voltage') and 'pulse') and 'conductor'	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:24
44	BRS	1110	<pre>(((('low impedance') and 'high voltage') and 'pulse') and 'conductor') and 'wire'</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:24
45	BRS	N 5	<pre>(((((('low impedance') and 'high voltage') and 'pulse') and 'conductor') and 'wire') and ('uninsulated' or ('un' adj ('insulate' or 'insulated')))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:41
46	BRS	22	256/10 and ('pulse generator' or 'pulse source')	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/09/29 10:44
47	BRS	Н	(256/10 and ('pulse generator' or 'pulse source')) and 'modulator'	USPAT	2004/09/29 11:17
48	BRS	0	(256/10 and ('pulse generator' or 'pulse source')) and 'modulater'	USPAT	2004/09/29 13:49

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PLUS Search Results for S/N 10753228, Searched September 29, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated sear ch

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that a re

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

# 10753228\_QUAL

4037269	87
5877949	87
4771245	76
5207178	74
5771147	74
4420745	66
5852382	66
5272466	65
6064308	65
6166643	65
4396879	64
4862833	63
5302945	63
5339773	63
5419083	63
6199831	63
6232880	63
4162783	63
4260137	63
4316232	63
4321982	63
4429484	63
4466301	63
4468015	63
4558808	63

## 10753228\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returne

From A Search of 10753228 on September 29, 2004

7	256/10 Class 256/10	256	OR, 5 XR) : FENCES ELECTRIC
5	340/500 340/540	340	: COMMUNICATIONS: ELECTRICAL CONDITION RESPONSIVE INDICATING SYSTEM .Specific conditionHuman or animal
5	361/232 Class	(4 361	OR, 1 XR) : ELECTRICITY: ELECTRICAL SYSTEMS AND DEVICES
	361/230		ELECTRIC CHARGE GENERATING OR CONDUCTING MEANS (E.G., CHARGING OF GASES)
	361/232		.For application to living beings
3		119	OR, 3 XR) : ANIMAL HUSBANDRY ANIMAL CONTROLLING OR HANDLING (E.G., RESTRAINING, BREAKING, TRAINING, SORTING,
CON	VEYING, ETC.)		
	119/720 119/721		<ul><li>.Electromagnetic remote control</li><li>Animal confined to predetermined territorial location</li></ul>
3		119	OR, 3 XR) : ANIMAL HUSBANDRY ELECTRICAL ANIMAL CONTROL OR HANDLING
2	•	119	OR, 0 XR) : ANIMAL HUSBANDRY ANIMAL CONTROLLING OR HANDLING (E.G.,
, coi	NVEYING, ETC.)		RESTRAINING, BREAKING, TRAINING, SORTING
	119/769		.Hitching or tethering

... Including rolling element

..Traveler

119/784 119/785

#### 10753228 CLSTITLES

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2 324/510
                (1 OR, 1 XR)
               324 : ELECTRICITY: MEASURING AND TESTING
       Class
                     FAULT DETECTING IN ELECTRIC CIRCUITS AND OF
       324/500
                          ELECTRIC COMPONENTS
                      .Of ground fault indication
       324/509
                      ..Of electrically operated apparatus (power
       324/510
                        tool, appliance, machine, etc.)
                 (0 OR, 2 XR)
2 340/564
               340 : COMMUNICATIONS: ELECTRICAL
       Class
                     CONDITION RESPONSIVE INDICATING SYSTEM
        340/500
                    .Specific condition
        340/540
        340/541
                     ..Intrusion detection
                     ...Disturbance of electric field
        340/561
        340/562
                     ....Capacitance
        340/564
                     ....Fence
2 340/572.7
               (0 OR, 2 XR)
               340 : COMMUNICATIONS: ELECTRICAL
       Class
                     CONDITION RESPONSIVE INDICATING SYSTEM
        340/500
        340/540
                     .Specific condition
        340/568.1
                     ..Article placement or removal (e.g.,
                          anti-theft)
                      ...Detectable device on protected article
        340/572.1
                          (e.g., "tag")
                      .... Specified antenna structure
        340/572.7
2 340/649
                (0 OR, 2 XR)
               340 : COMMUNICATIONS: ELECTRICAL
       Class
                     CONDITION RESPONSIVE INDICATING SYSTEM
        340/500
        340/540
                    .Specific condition
        340/635
                     .. Condition of electrical apparatus
                     ... Condition of intentional grounding circuit
        340/649
               (0 OR, 2 XR)
   455/106
       Class
               455 : TELECOMMUNICATIONS
        455/91
                     TRANSMITTER
                     .Modulation by absorption, shielding, or
        455/106
                        reflecting
2
   455/899
               (0 OR, 2 XR)
       Class 455: TELECOMMUNICATIONS
        455/899
                     MISCELLANEOUS
2 455/91
               (0 \text{ OR}, 2 \text{ XR})
       Class
               455 : TELECOMMUNICATIONS
        455/91
                     TRANSMITTER
```

#### 10753228 CLS

Most Frequently Occurring Classifications of Patents Returned From A Search of 10753228 on September 29, 2004

### Original Classifications

- 4 340/573.3
- 4 361/232
- 2 119/785
- 2 256/10

#### Cross-Reference Classifications

- 5 256/10
- 3 119/721
- 3 119/908
- 2 340/564
- 2 340/572.7
- 2 340/649
- 2 455/106
- 2 455/899
- 2 455/91

#### Combined Classifications

- 7 256/10
- 5 340/573.3
- 5 361/232
- 3 119/721
- 3 119/908
- 2 119/785
- 2 324/510
- 2 340/564
- 2 340/572.7
- 2 340/649
- 2 455/106
- 2 455/899
- 2 455/91